

Title (en)
SULFOALKYL ETHER CYCLODEXTRIN BASED CONTROLLED RELEASE SOLID PHARMACEUTICAL FORMULATIONS

Title (de)
FESTE PHARMAZEUTISCHE FORMULIERUNGEN AUF BASIS VON SULFOALKYLETHERN DES CYCLODEXTRINS ZUR VERZÖGERTEN FREISETZUNG

Title (fr)
FORMULATIONS PHARMACEUTIQUES SOLIDES A LIBERATION PROLONGEE A BASE D'ETHER SULFOALKYLE DE CYCLODEXTRINE

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Application
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Abstract (en)
[origin: US6046177A] Sulfoalkyl ether cyclodextrin (SAE-CD) based controlled release pharmaceutical formulations are provided by the present invention. The present solid pharmaceutical formulations consist of a core comprising a physical mixture of one or more SAE-CD derivatives, an optional release rate modifier, a therapeutic agent, a major portion of which is not complexed to the SAE-CD, and an optional release rate modifying coating surrounding the core. The present formulations are advantageously easier to prepare than other SAE-CD based formulations in the art yet provide similar or improved effectiveness. The SAE-CD derivative is used to modify the bioavailability and/or rate of bioabsorption of therapeutic agents. Multi-layered, osmotic pump, coated, and uncoated tablet, minitab, pellet, micropellet, particle, powder, and granule dosage forms are disclosed herein.

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